

# Southwest Fisheries Science Center (SWFSC) advantages of FIS

- Objective
  - Review progress on our 2004 FIS projects and identify advantages and disadvantages that we have encountered in the FIS relation

# Projects

- FIS Permits System
- Longline Observer Database
- SWFSC, HMS Data Model



# FIS Permits System

- Storage of HMS FMP Permits
- FIS Presentation of System
- Specification of our Needs
- Tailoring of System to Meet our Needs
- Installation of System
- Testing of System
- Training
- Modifications as Necessary

# FIS Permits System

- Advantages

- Standardization of Data Management
- Savings of SWFSC/SWR Resources
- Ability to Meet HQ Data Requests
- Avoid Duplication of Effort

- Disadvantages

- No dedicated FIS Resources



# Longline Observer Database

- California Longline Observers
- Hawaii Longline Observer System
- System Demonstrated
- No Major Tailoring Needed
- Installation of System
- Testing of System
- Training
- Modifications as Necessary

# Longline Observer Database

- Advantages
  - Standardization of Data Management
  - Savings of SWFSC/SWR Resources
  - Duplication of Effort
  - Data Management and Reporting Requirements
- Disadvantages
  - No dedicated FIS Resources



# SWFSC, HMS Data Model

- Detailed Data (by vessel & by day or event)
  - vessels, histories, equipment, registrations, trips
  - events, species, environment, tags, samples
  - organizations, research/management programs, personnel
  - measurements
  - data collection forms & data set documentation, bibliography
- Summarized Data
  - fleets, fleet catches, c/e samples, size frequencies

# SWFSC, HMS Data Model

- Model Evaluated by FIS
- Two Data Sets Entered
- Data Washing Software
- Testing
- Eleven More Data Sets
- Data Management Applications
- Data summary/reporting Applications



# SWFSC, HMS Data Model

- Advantages

- Augmentation of SWFSC/SWR Resources
- Outside Model Review
- Sharing of Expertise
- Timeliness
- Enhanced Data Quality and Data Sharing
- Duplication of Data Collected
- Processing Efficiency

- Disadvantages

- SWFSC input to how contract funds spent limited
- Access to onsite contractors limited

# Where to Now

- Finish Permits and Observer Database Installations - 04
- Complete Moving of Legacy Data Sets and Applications to HMS Data Model - 05
- Electronic Logbook Application with Direct Feed to HMS Data Model - 05
- Electronic Port Sampling Collections Application with Direct Feed to HMS Data Model - 05
- Linking of the HMS data Model to PacFIN - 05
- HMS Data Model Applications to Reconcile Logbook Data with Landings and Observer Data – 05



# Summary of Benefits

- Standardization of Data Management
- Savings of SWFSC/SWR Resources
- Duplication of Effort
- Ability to Meet HQ Data Requests
- Enhanced Data Quality
- Sharing of Expertise/Ideas
- Sharing of Data

# Summary of Disadvantages

- Not Enough FIS Resources
- Not Enough Center/Region Resources